

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 6,984,046 B2
APPLICATION NO. : 10/645880
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INVENTOR(S) : Takashi Abe et al.

Page 1 of 1

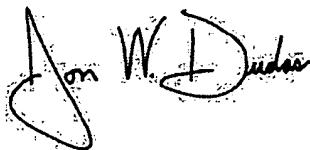
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page Column 2 Item 57 (Abstract), Line 6, after "widening" delete ",".

Column 22, Line 62, change "any one of" to --either--.

Signed and Sealed this

Ninth Day of January, 2007



JON W. DUDAS
Director of the United States Patent and Trademark Office